

Re: Relationship between versions of .Net Framework

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework/2008-06/msg00201.html>

- *From:* P Chase <peter.chase@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 18 Jun 2008 01:37:39 -0700 (PDT)
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On 18 Jun, 01:13, "Alvin Bruney [ASP.NET MVP]" <vapor dan using hot male spam filter> wrote:

I confess to not really understanding how the various versions of .Net Framework that have been installed on my machines are actually used by the application.

That's not an issue, your application can only run one version of the .NET framework at execution time. Further, all versions of the framework are side by side compatible.

So my question is: if the leaks really are fixed in 3.5 SP1, will installing that service pack also fix the same leaks in 3.0?

Yes, but not for the reasons you think. 3.5 SP1 actually installs all service packs for 2.0 and 3.0. The 3.5 SP1 memory leak bug fix, if it exists at all, would most likely be retrofitted in a service pack for earlier frameworks. Don't install 3.5 SP1 if you haven't tested the previous SPs for earlier frameworks. As Jon suggested, VPC is the best way to go.

I'll take a peak at the complete of bug fixes in 3.5 SP1 to see if any deal with imaging memory leaks. If I find, I'll update this post. Otherwise, assume I didn't find any.

—

Regards,
Alvin Bruney [MVP ASP.NET]

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Re: Relationship between versions of .Net Framework

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"P Chase" <peter.ch...@xxxxxxxxxxxxxxxxxxxx> wrote in message

news:a8568cac-8684-4f64-93d2-3b410d0135da@xx

On 17 Jun, 13:00, "Alvin Bruney [ASP.NET MVP]" <vapor dan using hot male spam filter> wrote:

what memory leak are you seeing? You need to describe it better and give some more details.

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Regards,
Alvin Bruney [MVP ASP.NET]

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"P Chase" <peter.ch...@xxxxxxxxxxxxxxxxxxxx> wrote in message

news:9f5a9847-26a7-4c2d-802e-a4b826b619f7@xx

I am developing an application using Visual Studio 2005, Windows XP (or 2003) and C#. I am using facilities of .Net Framework 3.0, but not of 3.5.

Re: Relationship between versions of .Net Framework

I am falling foul of some memory leaks in the framework, which Microsoft claim to have fixed in .Net Framework 3.5 SP1.

I confess to not really understanding how the various versions of .Net Framework that have been installed on my machines are actually used by the application.

So my question is: if the leaks really are fixed in 3.5 SP1, will installing that service pack also fix the same leaks in 3.0?

(Of course, only the Beta of 3.5 SP1 is currently available, but I could be brave and try it).

My question was not intended to be about the specific issue I am facing, but the general issue of whether patching .Net Framework 3.5 would also affect my code which is a client of .Net Framework 3.0. I don't understand how the various versions of .Net that have been installed interact.

However, since you ask, I can also give details of the specific issue I am trying to resolve.

I have a server application that uses FlowDocument to turn some text and images into a nice-looking document. The FlowDocument is constructed from XAML.

If the FlowDocument has no images in it, then when I am finished with it, all memory is happily released. But if there are Image elements in the XAML, then lots of memory is leaked, and the files providing the image contents are held open.

Re: Relationship between versions of .Net Framework

I read that some image-related leaks in .Net Framework itself are fixed by 3.5 SP1. So I want to know whether these might fix my issues. I hoped to get an indication of the likelihood of this, before going to the trouble of installing SP1, particularly if it might be difficult to uninstall.

<http://blogs.msdn.com/jgoldb/archive/2008/05/04/memory-leaks-in-wpf-b...>

In the end, I was brave/foolish and just tried 3.5 SP1 on my main PC. Nothing bad happened, but neither did the leak go away. So I guess Microsoft aren't going to sort out this problem for me. I deinstalled 3.5 SP1 afterwards, and happily all still seems to be working.

Does anyone have any alternative ideas how I might be able to persuade .Net to release the Images that it created, when parsing the XAML text for my FlowDocument?

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